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(54) LINEAR MOTOR TRANSFER SYSTEM

(57) Abstract:

PURPOSE: To obtain a highly reliable linear motor transfer system at low cost by providing means for controlling the current flowing through a secondary winding based on a speed command.

CONSTITUTION: A secondary current controller 9 mounted on a truck 5 receives a speed control voltage from a speed pattern setter 8 and controls the current being induced in the secondary winding 10 of linear motor mounted on the lower surface of the truck 5. Since the speed control section, conventionally disposed on the primary of linear motor, is disposed on the secondary of linear motor, speed sensors of same

number as the primary windings of linear motor are not required and the structure on the primary of linear motor is simplified resulting in a highly reliable low cost linear motor transfer system.

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